

ABSTRACT OF THE DISCLOSURE

A coaxial element wire includes a center conductor, an insulation layer, and an outer conductor. The insulation layer is provided around the center conductor, and it has a thickness of 0.15 mm or less. The outer conductor is a ribbon-shaped conductor obtained by pressing a copper or copper alloy round wire into a flat form, without annealing after pressing. This ribbon-shaped conductor is spirally wrapped around the insulation layer to thereby form the coaxial element wire. The coaxial element wire may be covered with a protective jacket, and plural coaxial wire elements may be joined into a common jacket to form a multicore cable.